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Approved for use through 9/30/98

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/01 (8/96)	Attorney Docket Number	3282-00026
	First Named Inventor	Donn R. Dresselhuys
COMPLETE IF KNOWN		
Declaration	Declaration	Application Number
<input type="checkbox"/> Submitted with Initial Filing	<input type="checkbox"/> Submitted after Initial Filing	Filing Date
		Group Art Unit
		Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ELECTRONIC ELECTRIC METER FOR NETWORKED METER READING

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) 5 September 1997 as United States Application Number or PCT

International Number PCT/US97/15728 and was amended on (MM/DD/YYYY)
(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Copy Attached?	
			<input type="checkbox"/>	<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority sheet attached hereto:

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.

Type a plus sign (+) inside this box [+]

DECLARATION

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s), or §365© of any PCT international application designated the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States of PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
	PCT/US97/15728	September 5, 1997	

Additional U.S. or PCT international application numbers are listed on a supplemental priority sheet attached hereto.

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Name	Registration Number	Name	Registration Number
Glenn O. Starke	17,031	Edward R. Williams, Jr.	36,057
Eugene R. Sawall	17,431	Joseph D. Kuborn	40,689
Daniel D. Fetterley	20,323	William K. Baxter	41,606
George H. Solveson	25,927	William L. Falk	27,709
Gary A. Essmann	29,376		
Thomas M. Wozny	28,922		
Michael E. Taken	28,120		
Joseph J. Jochman, Jr.	25,058		
Andrew S. McConnell	32,272		

Additional attorney(s) and/or agent(s) named on a supplemental sheet attached hereto.

Please direct all correspondence to: Name William K. Baxter

Address Andruss, Sceales, Starke & Sawall, LLP

Address 100 East Wisconsin Avenue, Suite 1100

City Milwaukee State Wisconsin Zip 53202-4178

Country United States Telephone (414) 271-7590 Fax (414) 271-5770

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment; or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: A petition has been filed for this unsigned inventor

Given Name (first and middle [if any]) Family Name or Surname

LANCE A. EHRLKE

Inventor's Signature  Date 2/23/99

RESIDENCE City Brookfield State WI Country USA Citizenship USA

POST OFFICE ADDRESS 18305 Bennington Drive State WI Zip 53045 Country USA

City Brookfield State WI Zip 53045 Country USA

Additional inventors are being named on supplemental sheet(s) attached hereto.

Please type a plus sign (+) inside this box [+]

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet	
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
KIMBEL A.		NAP					
Inventor's Signature	<i>Kimbrel A. Naps</i>		Date				
RESIDENCE: City	Glendale	State	WI	Country	USA	Citizenship	USA
POST OFFICE ADDRESS	6220 Sunny Point Road						
City	Glendale	State	WI	Zip	53217	Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
DONN R.		<i>Donn R. Dresselhuys</i>					
Inventor's Signature			Date	<i>2/23/99</i>			
RESIDENCE: City	Shorewood	State	WI	Country	USA	Citizenship	USA
POST OFFICE ADDRESS	3565 North Lake Drive						
City	Shorewood	State	WI	Zip	53211	Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Inventor's Signature			Date				
RESIDENCE: City		State		Country		Citizenship	
POST OFFICE ADDRESS							
City		State		Zip		Country	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit 2635

In re

Patent Application of

Lance A. Ehrke, et al.

Application No. 09/242,792

Confirmation No. 1516

Filed: February 23, 1999

Examiner: Albert Kang Wong

"ELECTRONIC ELECTRIC METER
FOR NETWORKED METER READING"

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Silver Spring Networks, Inc. ("Assignee"), a Delaware corporation, being the owner of all right, title and interest in the above-identified patent application by virtue of:

Assignment from Lance A. Ehrke, Kimbel A. Nap and Donn R. Dresselhuys to Innovatec Communications, LLC, Reel 10457 and Frames 621-624, recorded on December 23, 1999;

Assignment from Innovatec Communications, LLC to St Andrews Acquisitions, LLC, Reel 13211 and Frame 881, recorded on August 20, 2002; and

Assignment from St Andrews Acquisitions, LLC to Silver Spring Networks, Inc., signed August 13, 2002, copy attached.

hereby revokes all powers of attorney previously granted in connection with said patent application and hereby appoints the registered practitioners associated with the customer number identified below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Customer Number

23409

PATENT TRADEMARK OFFICE

The undersigned hereby states that the evidentiary documents have been reviewed, and certifies that, to the best of Assignee's knowledge and belief, title is in Assignee and that the undersigned is an officer of Assignee and has authority to execute this document on behalf of Assignee.

Please send all further correspondence to:

Thomas A. Miller
Michael Best & Friedrich LLP
100 East Wisconsin Avenue
Milwaukee, Wisconsin 53202-4108
Telephone: (414) 271-6560

Silver Spring Networks, Inc.

Dated: December 12, 2002


Thomas F. Schrader
Chief Operating Officer

File No.: 086485-9002-00

A S S I G N M E N T

WHEREAS, St Andrews Acquisitions, LLC, a Wisconsin limited liability company (the "Assignor") owns the rights to certain patents and trademarks;

WHEREAS, Silver Spring Networks, Inc., a Delaware corporation (the "Assignee") owns all of the issued and outstanding membership interests of Assignor and is the corporate parent of Assignor; and

WHEREAS, Assignor desires to assign its patents and trademarks to Assignee;

NOW THEREFORE, for good and valuable consideration, the adequacy of which is hereby acknowledged, Assignor does hereby assign unto Assignee and Assignee's legal representatives, successors, and assigns, the entire right, title, and interest in and to the inventions, applications and the letters patent, both of the United States and of other countries, set forth on the attached Schedule A and the trademark registrations, trademark applications, common law trademarks and goodwill associated therewith, both of the United States and of other countries, set forth on the attached Schedule B.

UPON SAID CONSIDERATION, Assignor does hereby covenant with Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with this Assignment, and that Assignor will, at any time upon request, without further or additional consideration, but at the expense of Assignee, execute such additional assignments and other writings and do such additional acts as Assignee may deem necessary or desirable to perfect Assignee's enjoyment of this Assignment, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

* * * * *

IN WITNESS WHEREOF, the undersigned have executed this Assignment to be
effective as of August 13, 2002.

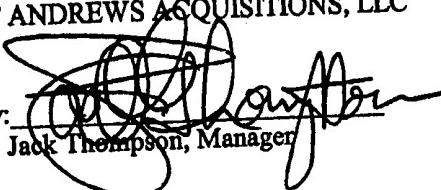
ASSIGNOR:

ASSIGNEE:

ST ANDREWS ACQUISITIONS, LLC

SILVER SPRING NETWORKS, INC.

By:


Jack Thompson, Manager

By:

Keith Burge, President

IN WITNESS WHEREOF, the undersigned have executed this Assignment to be effective as of August 13, 2002.

ASSIGNOR:

ST ANDREWS ACQUISITIONS, LLC

By: Jack Thompson, Manager

ASSIGNEE:

SILVER SPRING NETWORKS, INC.

By: Keith Burge, President

Schedule A

List of Patents

Title: Improved Meter for Measuring Volumetric Consumption of a Commodity

Country: USA

Inventors: Dean Dreselhuys, Kimbel Nap and Lance Ehrke

Patent Number: 5,659,300

Issue Date: 8/19/97

Summary: This patent covers the inductive coupling between a meter located in a pit and an antenna mounted to a pit lid.

Title: Automatic Meter Reading Data Communication System

Inventors: Dean Dreselhuys, Kimbel Nap and Lance Ehrke

Country: USA

Patent Number: 6,146,637

Issue Date: June 12, 2001

Country: Mexico

Serial Number: 992134

Filing Date: 3/4/99

Country: Canada

Serial Number: 2264796

Filing Date: 3/3/99

Country: Europe

Serial Number: 97940306.9

Filing Date: 3/3/99

Country: Japan

Serial Number: 5128921993

Filing Date: 3/3/99

Summary: This patent covers the interface management unit (IMU) and the way the IMU attaches to a meter and transmits information via a gateway card.

Title: Electronic Electric Meter for Networked Meter Reading

Inventors: Dean Dreselhuys, Kimbel Nap and Lance Ehrke

Country: USA

Serial Number: 09/343,743

Filing Date: 2/23/99

Country: Mexico
Serial Number: 992132
Filing Date: 3/4/99

Country: Canada
Serial Number: 2264913
Filing Date: 3/3/97

Country: Europe
Serial Number: 97940881.2
Filing Date: 3/31/97

Country: Japan
Serial Number: 5129684/1998
Filing Date: 3/30/99

Summary: This patent covers the electronic electric meter and the communication methods to the gateway module and between the electric meter and possible gas and water meters.

Title: Flush Mounted PII Lid Antenna

Inventors: Kimbel Nap and Eric Drostelius

Country: USA
Serial Number: 08/791,372
Filing Date: 2/3/01

Summary: This patent will cover a pii lid antenna that is flush with the top of a pii lid while still allowing for an acceptable broadcast range.

Patent No.	Issue Date
6,369,769	04/09/2002
6,246,677	06/12/2001
5,659,300	08/19/1997

Schedule B

List of Trademarks

Trademark Number	Issue/Filing Date
AXISPORTAL 2,560,380	04/09/2002
AXISPATH 2,557,288	04/09/2002
AXISGATE 76/118,561	08/29/2000
POWERPOINT 76/118,558	08/29/2000
INTERFACE MANAGEMENT UNIT 76/118,559	08/29/2000
INNOVATEC 2,281,957	09/26/1999

INTERMEDIATE LEVEL CONVERSATION